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TECH CENTER 1600/2900



1600

#13

## RAW SEQUENCE LISTING

DATE: 05/02/2002

PATENT APPLICATION: US/09/733,179A

TIME: 17:20:06

Input Set : A:\SEQUENCE LISTING.TXT

Output Set: N:\CRF3\05022002\I733179A.raw

ENTERED

4 <110> APPLICANT: Boux, Heather A.  
 5 Wong, Geraldine S.  
 6 Rodriguez, Henry  
 8 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING STRESS-INDUCIBLE  
 PROTEINS

10 <130> FILE REFERENCE: 12071-006001  
 12 <140> CURRENT APPLICATION NUMBER: US 09/733,179A  
 13 <141> CURRENT FILING DATE: 2000-12-07  
 15 <150> PRIOR APPLICATION NUMBER: WO USOO/33341  
 16 <151> PRIOR FILING DATE: 2000-12-07  
 18 <150> PRIOR APPLICATION NUMBER: US 60/169,535  
 19 <151> PRIOR FILING DATE: 1999-12-07  
 21 <160> NUMBER OF SEQ ID NOS: 15  
 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 25 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 21  
 27 <212> TYPE: PRT  
 28 <213> ORGANISM: Homo sapiens  
 30 <400> SEQUENCE: 1  
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 32 1 5 10 15  
 33 Ser Thr Gly Pro Ile  
 34 20  
 36 <210> SEQ ID NO: 2  
 37 <211> LENGTH: 15  
 38 <212> TYPE: PRT  
 39 <213> ORGANISM: Homo sapiens  
 41 <400> SEQUENCE: 2  
 42 Cys Gly Thr Gln Ala Arg Gln Gly Asp Pro Ser Thr Gly Pro Ile  
 43 1 5 10 15  
 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 12  
 47 <212> TYPE: PRT  
 48 <213> ORGANISM: Homo sapiens  
 50 <400> SEQUENCE: 3  
 51 Cys Gly Thr Gln Ala Arg Gln Gly Asp Pro Ser Thr  
 52 1 5 10  
 54 <210> SEQ ID NO: 4  
 55 <211> LENGTH: 16  
 56 <212> TYPE: PRT  
 57 <213> ORGANISM: Homo sapiens  
 59 <400> SEQUENCE: 4  
 60 Arg Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln Asp Lys Cys  
 61 1 5 10 15

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63 <210> SEQ ID NO: 5
64 <211> LENGTH: 13
65 <212> TYPE: PRT
66 <213> ORGANISM: Homo sapiens
68 <400> SEQUENCE: 5
69 Arg Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln
70   1               5               10
72 <210> SEQ ID NO: 6
73 <211> LENGTH: 28
74 <212> TYPE: PRT
75 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 6
78 Ala His Val Phe His Val Lys Gly Ser Leu Gln Glu Glu Ser Leu Arg
79   1               5               10               15
80 Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln
81           20               25
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84 <211> LENGTH: 14
85 <212> TYPE: PRT
86 <213> ORGANISM: Homo sapiens
88 <400> SEQUENCE: 7
89 Ala His Val Phe His Val Lys Gly Ser Leu Gln Glu Glu Ser
90   1               5               10
92 <210> SEQ ID NO: 8
93 <211> LENGTH: 11
94 <212> TYPE: PRT
95 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 8
98 Met Ala Pro Arg Glu Leu Ala Val Gly Ile Asp
99   1               5               10
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102 <211> LENGTH: 13
103 <212> TYPE: PRT
104 <213> ORGANISM: Homo sapiens
106 <400> SEQUENCE: 9
107 Met Gln Ala Pro Arg Glu Leu Ala Val Gly Ile Asp Cys
108   1               5               10
110 <210> SEQ ID NO: 10
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117   1               5               10               15
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120 <211> LENGTH: 643
121 <212> TYPE: PRT
122 <213> ORGANISM: Homo sapiens
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125 Met Gln Ala Pro Arg Glu Leu Ala Val Gln Ile Asp Leu Gln Thr Thr
126   1           5           10           15
127 Tyr Ser Cys Val Gly Val Phe Gln Gln Gly Arg Val Glu Ile Leu Ala
128           20           25           30
129 Asn Asp Gln Gly Asn Arg Thr Thr Pro Ser Tyr Val Ala Phe Thr Asp
130           35           40           45
131 Thr Glu Arg Leu Val Gln Asp Ala Ala Lys Ser Gln Ala Ala Leu Asn
132           50           55           60
133 Pro His Asn Thr Val Phe Asp Ala Lys Arg Leu Ile Gly Arg Lys Phe
134   65           70           75           80
135 Ala Asp Thr Thr Val Gln Ser Asp Met Lys His Trp Pro Phe Arg Val
136           85           90           95
137 Val Ser Glu Gly Lys Pro Lys Val Pro Val Ser Tyr Arg Gly Glu
138           100          105          110
139 Asp Lys Thr Phe Tyr Pro Glu Glu Ile Ser Ser Met Val Leu Ser Lys
140           115          120          125
141 Met Lys Glu Thr Ala Glu Ala Tyr Leu Gly Gln Pro Val Lys His Ala
142           130          135          140
143 Val Ile Thr Val Pro Ala Tyr Phe Asn Asp Ser Gln Arg Gln Ala Thr
144 145           150          155          160
145 Lys Asp Ala Gly Ala Ile Ala Gly Leu Asn Val Leu Arg Ile Ile Asn
146           165          170          175
147 Glu Pro Thr Ala Ala Ala Ile Ala Tyr Gly Leu Asp Arg Arg Gly Ala
148           180          185          190
149 Gly Glu Arg Asn Val Leu Ile Phe Asp Leu Gly Gly Gly Thr Phe Asp
150           195          200          205
151 Val Ser Val Leu Ser Ile Asp Ala Gly Val Phe Glu Val Lys Ala Thr
152           210          215          220
153 Ala Gly Asp Thr His Leu Gly Gly Glu Asp Phe Asp Asn Arg Leu Val
154 225           230          235          240
155 Asn His Phe Met Glu Phe Arg Arg Lys His Gly Lys Asp Leu Ser
156           245          250          255
157 Gly Asn Lys Arg Ala Leu Gly Arg Leu Arg Thr Ala Cys Glu Arg Ala
158           260          265          270
159 Lys Arg Thr Leu Ser Ser Ser Thr Gln Ala Thr Leu Glu Ile Asp Ser
160           275          280          285
161 Leu Phe Glu Gly Val Asp Phe Tyr Thr Ser Ile Thr Arg Ala Arg Phe
162           290          295          300
163 Glu Glu Leu Cys Ser Asp Leu Phe Arg Ser Thr Leu Glu Pro Val Glu
164 305           310          315          320
165 Lys Ala Leu Arg Asp Ala Lys Leu Asp Lys Ala Gln Ile His Asp Val
166           325          330          335
167 Val Leu Val Gly Gly Ser Thr Arg Ile Pro Lys Val Gln Lys Leu Leu
168           340          345          350
169 Gln Asp Phe Phe Asn Gly Lys Glu Leu Asn Lys Ser Ile Asn Pro Asp
170           355          360          365
171 Glu Ala Val Ala Tyr Gly Ala Ala Val Gln Ala Ala Val Leu Met Gly
172           370          375          380
173 Asp Lys Cys Glu Lys Val Gln Asp Leu Leu Leu Leu Asp Val Ala Pro

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174 385          390          395          400
175 Leu Ser Leu Gly Leu Glu Thr Ala Gly Gly Val Met Thr Thr Leu Ile
176          405          410          415
177 Gln Arg Asn Ala Thr Ile Pro Thr Lys Gln Thr Gln Thr Phe Thr Thr
178          420          425          430
179 Tyr Ser Asp Asn Gln Pro Gly Val Phe Ile Gln Val Tyr Glu Gly Glu
180          435          440          445
181 Arg Ala Met Thr Lys Asp Asn Asn Leu Leu Gly Arg Phe Glu Leu Ser
182          450          455          460
183 Gly Ile Pro Pro Ala Pro Arg Gly Val Pro Gln Ile Glu Val Thr Phe
184 465          470          475          480
185 Asp Ile Asp Ala Asn Gly Ile Leu Ser Val Thr Ala Thr Asp Arg Ser
186          485          490          495
187 Thr Gly Lys Ala Asn Lys Ile Thr Ile Thr Asn Asp Lys Gly Arg Leu
188          500          505          510
189 Ser Lys Glu Glu Val Glu Arg Met Val His Glu Ala Glu Gln Tyr Lys
190          515          520          525
191 Ala Glu Asp Glu Ala Gln Arg Asp Arg Val Ala Ala Lys Asn Ser Leu
192          530          535          540
193 Glu Ala His Val Phe His Val Lys Gly Ser Leu Gln Glu Glu Ser Leu
194 545          550          555          560
195 Arg Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln Asp Lys Cys
196          565          570          575
197 Arg Glu Val Leu Ala Trp Leu Glu His Asn Gln Leu Ala Glu Lys Glu
198          580          585          590
199 Glu Tyr Glu His Gln Lys Arg Glu Leu Glu Gln Ile Cys Arg Pro Ile
200          595          600          605
201 Phe Ser Arg Leu Tyr Gly Gly Pro Gly Val Pro Gly Gly Ser Ser Cys
202          610          615          620
203 Gly Thr Gln Ala Arg Gln Gly Asp Pro Ser Thr Gly Pro Ile Ile Glu
204 625          630          635          640
205 Glu Val Asp
208 <210> SEQ ID NO: 12
209 <211> LENGTH: 34
210 <212> TYPE: DNA
211 <213> ORGANISM: Homo sapiens
213 <400> SEQUENCE: 12
214 gaagcttcac atatgcaggc cccacgggag ctcg
216 <210> SEQ ID NO: 13
217 <211> LENGTH: 30
218 <212> TYPE: DNA
219 <213> ORGANISM: Homo sapiens
221 <400> SEQUENCE: 13
222 gaagctcgag tcaatcaacc tcctcaatga
224 <210> SEQ ID NO: 14
225 <211> LENGTH: 31
226 <212> TYPE: DNA
227 <213> ORGANISM: Homo sapiens
229 <400> SEQUENCE: 14

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230 tgacaagctt agaattcttc catgaagtgg t 31  
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233 <211> LENGTH: 14  
234 <212> TYPE: PRT  
235 <213> ORGANISM: Homo sapiens  
237 <400> SEQUENCE: 15  
238 Cys Arg Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln  
239 1 5 10

**VERIFICATION SUMMARY**

**PATENT APPLICATION: US/09/733,179A**

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